

AMENDMENT

IN THE CLAIMS

1. (cancelled)
2. (New) A method of locating an object comprising:  
rendering a target on the object, the target characterized by a fan shape;  
the target having a plurality of blades;  
at least one blade of the plurality of blades being different from another blade in the plurality of blades; and  
searching for the target so as to provide a pose of the object.
3. (New) The method according to claim 2 wherein:  
at least one blade of the plurality of blades having a width different from the width of at least one other blade in the plurality of blades.
4. (New) The method according to claim 2, further comprising:  
at least one blade of the plurality of blades having a width different from the width of all other blades in the plurality of blades.
5. (New) The method according to claim 2, wherein:  
each of the plurality of blades having a width different from the width of all other blades in the plurality of blades.
6. (New) A method of locating an object comprising:  
rendering a target on the object, the target characterized by a fan shape;  
the target having a plurality of blades;  
at least one of the plurality of blades including at least one hole; and  
searching for the target so as to provide a pose of the object.
7. (New) The method according to claim 6, wherein:  
each of the plurality of blades includes at least one hole.
8. (New) A method of locating an object comprising:  
rendering a target on the object, the target characterized by a fan shape;  
the target having a plurality of blades separated by a like number of gaps to provide a plurality of gaps;  
at least one of the plurality of gaps having a width different from the width of at least one other gap in the plurality of gaps; and  
searching for the target so as to provide a pose of the object.
9. (New) The method according to claim 8, wherein:  
at least one of the plurality of gaps having a width different from the width of all other gaps in the plurality of gaps.

10. (New) The method according to claim 8, wherein:

each of the plurality of gaps having a width different from the width of all other gaps in the plurality of gaps.

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11. (New) A method of locating an object comprising:

rendering a target on the object, the target characterized by a fan shape;  
the target having a plurality of blades;  
at least one of the plurality of blades having a non-zero skew; and  
searching for the target so as to provide a pose of the object.

12. (New) The method according to claim 11 further comprising:

the skew of the at least one of the plurality of blades is different from a skew of at least one other blade in the plurality of blades.

13. (New) The method according to claim 11 further comprising:

the skew of the at least one of the plurality of blades being different from a skew of all the other blades in the plurality of blades.

14. (New) The method according to claim 11, wherein:

each of the plurality of blades having a skew different from the skew of all other blades in the plurality of blades.

15. (New) A method of locating an object comprising:

rendering a target on the object, the target characterized by a fan shape;  
the target having a plurality of blades;  
at least one of the plurality of blades having a non-zero spiral; and  
searching for the target so as to provide a pose of the object.

16. (New) The method according to claim 15 further comprising:

the spiral of the at least one of the plurality of blades being different from a spiral of at least one other blade in the plurality of blades.

17. (New) The method according to claim 15 further comprising:

the spiral of the at least one blade in the plurality of blades being different from the spiral of all other blades in the plurality of blades.

18. (New) The method according to claim 15, wherein:

each of the plurality of blades having a spiral different from the spiral of all other blades in the plurality of blades.